

**CLEMSON UNIVERSITY  
CLEMSON, SOUTH CAROLINA**

**OMB CIRCULAR A-133 REPORTS  
(WITH INDEPENDENT AUDITOR'S REPORT THEREON)**

**FOR THE YEAR ENDED JUNE 30, 2008**

**CLEMSON UNIVERSITY  
CLEMSON, SOUTH CAROLINA**

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**CLEMSON UNIVERSITY**  
Schedule of Expenditures of Federal Awards  
Year Ended June 30, 2008

Federal grantor/pass-through grantors/agencies or cluster title	Federal CFDA Number	Expenditures
Research and Development - Cluster		
Department of Agriculture:	10.RD	\$ 9,856,259
Pass-through programs from:		
Alabama A&M University	10.RD	29,680
Carolina Seafood	10.RD	4
Cornell University	10.RD	67,039
Fort Valley State University	10.RD	8,269
Iowa State University	10.RD	40,107
Kansas State University	10.RD	840
Lowcountry Food Bank	10.RD	31,774
National Forest Foundation	10.RD	3,288
North Carolina State University	10.RD	65,010
Rutgers, The State University of New Jersey	10.RD	92,906
South Carolina Department of Natural Resources	10.RD	16,606
South Carolina Forestry Commission	10.RD	51,163
Southern Regional Aquaculture-Mississippi State University	10.RD	2,383
Southern Regional Aquaculture Center	10.RD	13,568
Texas A&M University	10.RD	22,222
Texas Tech University	10.RD	15,911
University of Florida	10.RD	15,586
University of Georgia	10.RD	276,308
University Of Maryland	10.RD	29,153
University of Nebraska - Lincoln	10.RD	(432)
Utah State University	10.RD	1,284
UT-Batelle	10.RD	16,131
Virginia Polytechnic Institute	10.RD	10,826
Total Department of Agriculture		10,665,885
Department of Commerce:	11.RD	316,399
Pass-through programs from:		
Clemson University Research Foundation	11.RD	4,540
Michelin North America, Inc.	11.RD	135,318
National Textile Center	11.RD	521,444
National Institute for Standards and Technology	11.RD	113,768
South Carolina Department of Health and Environmental Control	11.RD	63,088
South Carolina Department of Natural Resources	11.RD	14,305
South Carolina Sea Grant Consortium	11.RD	123,689
Total Department of Commerce		1,292,551
Department of Defense:	12.RD	6,401,386
Pass-through programs from:		
Appleton	12.RD	31,290
ARC	12.RD	379,244
Auburn University	12.RD	12,299
Battelle	12.RD	63,112
Clarkson University	12.RD	1,150
Clemson University Research Foundation	12.RD	442,968
Concurrent Technologies Corporation	12.RD	2,865
Eagan, McAllister Associates, Inc.	12.RD	17,385
Edmund Optics, Inc.	12.RD	360,292
Luna Innovations	12.RD	91,353
Materials Sciences Corporation	12.RD	4,782
MIT Lincoln Laboratory	12.RD	14,054
New Jersey Institute of Technology	12.RD	5,510

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**CLEMSON UNIVERSITY**  
Schedule of Expenditures of Federal Awards  
Year Ended June 30, 2008

Federal grantor/pass-through grantors/agencies or cluster title	Federal CFDA Number	Expenditures
Department of Defense:		
Pass-through programs from:		
Penn State University	12.RD	156,158
South Carolina Department of Natural Resources	12.RD	25,304
South Carolina Research Authority	12.RD	995,661
Science Applications International Corporation	12.RD	134,293
Spartanburg Regional Healthcare System	12.RD	120,380
The Research Foundation - New York State University	12.RD	10,000
Thermo Analytics, Inc	12.RD	39,632
Unisys Corporation	12.RD	12,552
University of California Santa Barbara	12.RD	20,489
University of Florida	12.RD	44,999
University Of Maryland	12.RD	320,013
University of Michigan	12.RD	(5,906)
University of Missouri - Columbia	12.RD	88,715
Universal Technology Corporation	12.RD	29,201
University of Dayton Research Institute	12.RD	53,364
Washington & Jefferson College	12.RD	62,265
Total Department of Defense		9,934,810
Department of Housing and Urban Development:		
Pass-through programs from:		
Anderson University	14.RD	3,642
Total Department of Housing and Urban Development		3,642
Department of the Interior:	15.RD	318,006
Pass-through programs from:		
American Forest Foundation	15.RD	486
National Fish & Wildlife Foundation	15.RD	12,948
South Carolina Department of Natural Resources	15.RD	103,205
Virginia Polytechnic Institute	15.RD	8,531
Total Department of Interior		443,176
Department of Justice:	16.RD	105,976
Total Department of Justice		105,976
Department of Labor:		
Pass-through programs from:		
Upper Savannah Council of Governments	17.RD	81,414
Total Department of Labor		81,414
Department of Transportation:	20.RD	183,623
Pass-through programs from:		
Clemson University Research Foundation	20.RD	75,829
Innovative Pavement Research Foundation	20.RD	117,795
Morgan State University	20.RD	31,013
Oregon State University	20.RD	10,402
South Carolina Department of Transportation	20.RD	474,953
South Carolina State University	20.RD	20,864
State of Georgia	20.RD	131,446
University of Tennessee	20.RD	38,437
Total Department of Transportation		1,084,362

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**CLEMSON UNIVERSITY**  
Schedule of Expenditures of Federal Awards  
Year Ended June 30, 2008

Federal grantor/pass-through grantors/agencies or cluster title	Federal CFDA Number	Expenditures
National Aeronautics and Space Administration:	43.RD	754,109
Pass-through programs from:		
College of Charleston	43.RD	110,379
Jet Propulsion Laboratory	43.RD	81,412
National Space Biomedical Research Institute	43.RD	511,420
NEI Corporation	43.RD	17,175
South Carolina Space Grant Consortium	43.RD	105,695
Space Micro Inc	43.RD	54,796
Space Telescope Science Institute	43.RD	2,632
Total National Aeronautics and Space Administration		1,637,618
National Science Foundation:	47.RD	10,410,556
Pass-through programs from:		
Advanced Photonic Crystals, LLC	47.RD	21,747
Chembrane Research and Engineering, Inc.	47.RD	27,665
CHK Group, Inc.	47.RD	12,200
Clemson University Research Foundation	47.RD	29,202
Colorado School of Mines	47.RD	1,050
Colorado State University	47.RD	112,361
Consortium for Oceanographic Research and Education	47.RD	6,566
Duke University	47.RD	93,663
Greenville Technical College	47.RD	169,037
Kent Sea Technical Corporation	47.RD	11,172
Massachusetts Institute of Technology	47.RD	91,896
Mississippi State University	47.RD	24,252
North Carolina State University	47.RD	526,545
Ohio State University	47.RD	15,478
Purdue University	47.RD	68,843
South Carolina Research Authority	47.RD	613,764
South Carolina State University	47.RD	117,006
Solidica	47.RD	48,060
SRI International	47.RD	15,632
The Academy of Natural Sciences	47.RD	13,100
The Shodor Education Foundation, Inc	47.RD	27,323
University of California	47.RD	100,891
University of Central Florida	47.RD	4,937
University of Florida	47.RD	82,207
University of Iowa	47.RD	6,296
University of Kentucky	47.RD	37,320
University of North Carolina - Chapel Hill	47.RD	15,286
University of New Hampshire	47.RD	14,505
University of South Alabama	47.RD	549
University of Tennessee	47.RD	67,526
University of Virginia	47.RD	3,549
University Of California, Santa Barbara	47.RD	49,602
ZDD-Ruth Rast	47.RD	3,630
Total National Science Foundation		12,843,416
Environmental Protection Agency:	66.RD	87,326
Pass-through programs from:		
Commonwealth of Virginia	66.RD	12,420
Friends of Lake Keowee Society, Inc	66.RD	75,342
Southern Environmental Law Center	66.RD	8,635
Southern Illinois University Edwardsville	66.RD	18,480
University of South Alabama	66.RD	19,142
Total Environmental Protection Agency		221,345

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**CLEMSON UNIVERSITY**  
Schedule of Expenditures of Federal Awards  
Year Ended June 30, 2008

Federal grantor/pass-through grantors/agencies or cluster title	Federal CFDA Number	Expenditures
Nuclear Regulatory Commission:	77.RD	159,078
Total Nuclear Regulatory Commission		159,078
Department of Energy:	81.RD	2,454,334
Pass-through programs from:		
Clemson University Research Foundation	81.RD	1,341,424
Kent Sea Tech Corporation	81.RD	1,832
Louisiana State University	81.RD	284,185
Medical University of South Carolina	81.RD	97,727
National Association of State Energy	81.RD	270,925
Penn State University	81.RD	29,302
Research Triangle Institute	81.RD	42,704
Sandia National Laboratories	81.RD	95,891
South Carolina State University	81.RD	22,387
SCUREF	81.RD	384,766
SeaAg, Inc.	81.RD	189
South Dakota State University	81.RD	3,608
University of California	81.RD	225,637
University of Illinois	81.RD	62,431
United States Department of Agriculture	81.RD	6,983
UT-Battelle, LLC	81.RD	171,775
Total Department of Energy		5,496,100
Department of Education:		
Pass-through programs from:		
National Writing Project Corporation	84.RD	60,185
New Hampshire Department of Education	84.RD	29,408
South Carolina Commission on Higher Education	84.RD	39,774
South Carolina Department of Education	84.RD	96,255
Tlingit and Haida Indian Tribes of Alaska	84.RD	103,863
University of Connecticut	84.RD	116,843
University of Louisville	84.RD	69,452
Total Department of Education		515,780
Department of Health and Human Services:	93.RD	4,448,605
Pass-through programs from:		
BioSurfaces	93.RD	4,439
Chesterfield County Coordinating Council	93.RD	61,319
Children's Hospital Boston	93.RD	80,079
Emory University	93.RD	32,793
Medical College of Georgia	93.RD	89,713
Medical University of South Carolina	93.RD	149,191
Mote Marine Laboratory	93.RD	8,000
Oconee Memorial Hospital	93.RD	96,941
Ohio University	93.RD	38,294
Rutgers, The State University of New Jersey	93.RD	89,425
South Carolina Center for Fathers and Families	93.RD	64,639
South Carolina Department of Social Services	93.RD	316,562
University of Arizona	93.RD	(28,435)
University of Miami	93.RD	31,805
University of Washington	93.RD	72,541
University of South Carolina	93.RD	467,094
Widmeyer Communications	93.RD	93,617
Total Department of Health and Human Services:		6,116,622

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**CLEMSON UNIVERSITY**  
Schedule of Expenditures of Federal Awards  
Year Ended June 30, 2008

Federal grantor/pass-through grantors/agencies or cluster title	Federal CFDA Number	Expenditures
Corporation for National and Community Service:		
Pass-through programs from:		
Institute for Global Education and Service Learning	94.RD	55,337
Total Corporation for National and Community Service		55,337
United States Agency for International Development:	98.RD	59,282
Pass-through programs from:		
Virginia Polytechnic Institute	98.RD	256,676
Total United States Agency for International Development		315,958
Total Research and Development - Cluster		50,973,070
Student Financial Aid - Cluster:		
Department of Education:		
Federal Supplemental Educational Opportunity Grants	84.007	777,710
Federal Family Education Loans	84.032	40,238,164
Federal Work-Study Program	84.033	499,294
Federal Work-Study Program	84.033	50,000
Federal Perkins Loan Program Federal Capital Contributions	84.038	269,580
Federal Pell Grant Program	84.063	5,494,477
Academic Competitiveness Grant	84.375	375,183
National Science and Mathematics Access to Retain Talent Grant	84.376	367,771
Total Department of Education		48,072,179
Total Student Financial Aid - Cluster		48,072,179
Other Programs:		
Department of Agriculture:		
Chattooga River Macroinvertebrate Survey and Water Quality Training	10.000	14,373
Restoring South Carolina Coastal Habitats Infested with Beach Vitex (Invasive Species Study)	10.000	49,214
Agricultural Research-Basic and Applied Research	10.001	52,040
Plant and Animal Disease, Pest Control, and Animal Care	10.025	885,676
Farmers' Market Promotion Program	10.168	17,180
Grants for Agricultural Research-Competitive Research Grants	10.206	4,831
Higher Education Challenge Grants	10.217	19,704
Integrated Programs	10.303	11,966
International Science and Education Grants	10.305	22,766
Cooperative Agreements with States for Intrastate Meat and Poultry Inspection	10.475	1,813,936
Cooperative Extension Service	10.500	138,165
Cooperative Extension Service - Smith Lever	10.500	7,116,697
Rural Business Enterprise Grants	10.769	180,601
Resource Conservation and Development	10.901	7,505
Soil and Water Conservation	10.902	1,300
Environmental Quality Incentives Program	10.912	7,713
Pass-through programs from:		
South Carolina Downtown Development Association:		
SCRDC Web Development	10.000	210
South Carolina Forestry Commission:		
Longleaf Pine Programming Support	10.000	3,805
Upstate and Lowcountry Forest Stewardship Newsletters	10.000	573
University of Georgia:		
Model State Assistant Funds 2007	10.200	19,942
University of Maryland:		
Integrated Programs	10.303	1,002

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**CLEMSON UNIVERSITY**  
Schedule of Expenditures of Federal Awards  
Year Ended June 30, 2008

Federal grantor/pass-through grantors/agencies or cluster title	Federal CFDA Number	Expenditures
(Continued)		
Other Programs:		
Pass-through programs from:		
Purdue University:		
EDEN Regional Extension Animal Agrosecurity Workshop	10.304	22,240
University of Florida:		
Regional Plant Diagnostic Center Laboratory	10.304	(1,209)
Southern Region Plant Diagnostic Network	10.304	39,173
Kansas State University:		
4H Air Force Partnership Project	10.500	9,130
4H/Army Youth Development Project:KS, Operation Military Kids	10.500	43,053
USDA/Army Youth Development Project - 4-H Military Grant	10.500	17,516
USDA/Army Youth Development Project - Operation Military Kids	10.500	23,833
North Dakota State University:		
Financial Security for All Community of Practice	10.500	3,333
University of Arkansas:		
Building Organic Agriculture Extension Training Capacity in the Southeast	10.500	16,275
University of Florida:		
Southern Regional Plant Diagnostic Network, Soybean Rust Monitoring and Coordination	10.500	7,735
University of Georgia:		
Implement Plan of Work for the Southern Region	10.500	500
Managing Price Risk for Cattle Producers in Alabama, Georgia, Florida and South Carolina	10.500	5,487
South Carolina Department of Social Services:		
2007 FSOCUP Project #1: Clemson University, Anderson Interfaith Ministries, & Piedmont Emergency Resources Center	10.561	53,998
2007 FSOCUP Project #2: Clemson University, Clemson Community Care, & United Christian Ministries	10.561	30,671
2007 FSOCUP Project #3: Clemson University, Prevent Child Abuse/Communities in Schools & United Way	10.561	23,908
2007 FSOCUP Project #4: Clemson University, St. Francis Community Ministries, & Holy Ground Church	10.561	13,489
2007 FSOCUP Project #5: Clemson University, United Ministries, & Foothills Family Resources	10.561	3,402
2008 FSOCUP Project #1: Clemson University, Anderson Interfaith Ministries & Piedmont Emergency Relief Center	10.561	38,322
2008 FSOCUP Project #2: Clemson University, Clemson Community Care, & United Christian Ministries	10.561	371
2008 FSOCUP Project #4: Clemson University, St. Francis Health System, & Holy Ground Church of Deliverance Ministries	10.561	12,834
2008 FSOCUP Project #5: Clemson University and United Ministries	10.561	371
South Carolina Department of Education:		
SC Team Nutrition - Building Healthy Habits in Early Years	10.574	25,852
South Carolina Forestry Commission:		
Cogongrass Detection, Eradication and Education Project	10.664	9,336
Invasive Species, Rights-of-Way and Forest Management	10.664	43
Total Department of Agriculture		10,768,862

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**CLEMSON UNIVERSITY**  
Schedule of Expenditures of Federal Awards  
Year Ended June 30, 2008

Federal grantor/pass-through grantors/agencies or cluster title	Federal CFDA Number	Expenditures
Department of Commerce:		
Pass-through programs from:		
South Carolina Sea Grant Consortium:		
The South Carolina Sea Grant Extension Program	11.417	104,089
South Carolina Department of Natural Resources:		
The Flow of South Carolina Harvested Seafood Products Through South Carolina Markets	11.472	23,735
Total Department of Commerce		127,824
Department of Housing and Urban Development:		
Youthbuild Upstate	14.243	240,124
Total Department of Housing and Urban Development		240,124
Department of the Interior:		
Conservation Grants Private Stewardship for Imperiled Species	15.632	75,804
Charles Pinckney National Historic Site - Implement Workshop Recommendations July 26, 2005	15.999	1,727
Oscar Wigington Scenic Byway, Sumter National Forest	15.999	8,925
Pass-through programs from:		
South Carolina Department of Archives & History:		
Low Country Basket Historic Resources of Charleston County, South Carolina	15.907	12,012
Total Department of the Interior		98,468
Department of Transportation:		
Pass-through programs from:		
South Carolina Department of Transportation:		
Transportation Technology Transfer Service (T3S)	20.205	312,372
Edisto Island Open Land Trust:		
A Planning Framework for Highway 174 on Edisto Island, South Carolina	20.215	12,507
Total Department of Transportation		324,879
National Endowment for the Arts:		
Promotion of the Arts Grants to Organizations and Individuals	45.024	4,686
Total National Endowment for the Arts		4,686
National Science Foundation:		
Mathematical and Physical Sciences	47.049	7,594
Education and Human Resources	47.076	135,884
Pass-through programs from:		
Florence-Darlington Technical College:		
South Carolina ATE National Resource Center for Expanding Excellence in Technician Education	47.076	28,826
South Carolina Research Authority:		
The South Carolina CAREER Network-Enhancing Coordination Between South Carolina's Most Elite Scholars	47.076	4,724
Vision: A Science, Math and Engineering Collaborative Model	47.076	6,487
Total National Science Foundation		183,515

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**CLEMSON UNIVERSITY**  
Schedule of Expenditures of Federal Awards  
Year Ended June 30, 2008

Federal grantor/pass-through grantors/agencies or cluster title	Federal CFDA Number	Expenditures
Small Business Administration:		
Pass-through programs from:		
University of South Carolina:		
Small Business Development Center - Operating Grant (Federal)	59.037	229,684
Total Small Business Administration		229,684
Environmental Protection Agency:		
Consolidated Pesticide Enforcement Cooperative Agreements	66.700	603,916
Research, Development, Monitoring, Public Education, Training, Demonstrations, and Studies	66.716	42,784
Pass-through programs from:		
Pickens County Soil and Water Conservation		
Fecal Coliform Education in the Twelve Mile Creek Watershed	66.319	27,464
Commonwealth of Virginia		
Animal Waste Analysis for Commonwealth of Virginia	66.460	23,751
Research Planning Inc		
TMDL Implementation for Fecal Coliform Bacteria and Turbidity in the Big Wateree Creek Watershed Fairfield County	66.460	22,740
TMDL Implementation for Fecal Coliform Bacteria in Allison Creek, Calabash Branch, Beaverdam Creek and Brown Creek	66.460	13,368
TMDL Implementation for Fecal Coliform in the Fishing Creek Watershed	66.460	33,041
South Carolina Department of Health and Environmental Control		
Enoree River TMDL project	66.460	61,838
Long Cane Creek Total Maximum Daily Load Implementation Project	66.460	18,823
Middle Savannah Watershed Total Maximum Daily Load Implementation Project	66.460	85,268
Tyger River Total Maximum Daily Load Implementation Project	66.460	186,161
Upper Savannah Council of Governments		
Rabun Creek Total Maximum Daily Load (TMDL) Implementation Project	66.460	7,497
Total Environmental Protection Agency		1,126,651
Department of Energy:		
Pass-through programs from:		
Eastern Band of Cherokee Indians:		
Strategic Energy Plan for the Eastern Band of Cherokee Indians	81.087	19,471
Total Department of Energy		19,471
Department of Education:		
Fund for the Improvement of Postsecondary Education	84.116	70,496
Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	84.325	115,444
Special Education-Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities	84.326	735,619
Pass-through programs from:		
Pioneer Regional Educational Service Agency:		
Georgia State Personnel Development	84.000	46,693
South Carolina Department of Education:		
Personnel Development Collaboration: Project CREATE	84.027	1,682
Project CREATE	84.027	17,222
South Carolina Department of Education:		
Agricultural Education Teacher Education Grant	84.048	58,183
South Carolina Future Farmers of America Center Caretaker	84.048	22,102
The School District of Oconee County:		
21st Century Community Learning Centers Grant (Code Elementary School) Club 2:45 : An After School Program	84.287	25,200

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**CLEMSON UNIVERSITY**  
Schedule of Expenditures of Federal Awards  
Year Ended June 30, 2008

Federal grantor/pass-through grantors/agencies or cluster title	Federal CFDA Number	Expenditures
(Continued)		
Department of Education:		
University Of Oregon:		
National Center of Secondary, Transition and Postsecondary Outcomes for Students with Disabilities	84.324	37,592
National Center of Secondary, Transition and Postsecondary School Outcomes for Students with Disabilities	84.324	25,173
University of Tennessee:		
Clemson University State Outreach and Technical Assistance Center (CUSOTC)	84.326	58,984
PEPNet-South	84.326	15,504
Minnesota State Department of Education:		
Dropout Prevention, Retention, and Graduation	84.360	63,888
South Carolina Department of Education:		
Inquiry Based Learning: A Companion Course for Biology	84.366	19,099
Math and Science Partnership	84.366	223,090
Math and Science Unit Coaching Initiative	84.366	59,033
South Carolina Coalition for Mathematics and Science	84.366	1,091,589
University of Virginia:		
Mathematics Specialist Project	84.366	4,964
South Carolina Commission on Higher Education		
Digital Express-Year 2	84.367	56,067
FY2008-2009 Improving Teacher Quality Higher Education Grant Program (Digital Express)	84.367	18,675
Meeting the Need for Highly Qualified Mathematics Teachers	84.367	7,846
Total Department of Education		2,774,145
Department of Health and Human Services:		
Compassion Capital Fund	93.009	117,520
Drug-Free Communities Support Program Grants	93.276	86,887
Advanced Education Nursing Traineeships	93.358	22,476
Mentoring Children of Prisoners	93.616	381,385
Lucy's Tasty Treasures	93.999	185
Pass-through programs from:		
South Carolina Lieutenant Governor's Office:		
Planning for Your Long-Term Care Needs	93.000	3,326
University of Miami:		
Adolescent Substance Abuse Treatment Coordination	93.243	8,323
South Carolina Department of Health and Environmental Control:		
Enhancement of Jurisdictional Disease Surveillance through Integration of Tracking and Reporting of Zoonotic Diseases by CVDC	93.283	33,390
Get Smart: Dairy Education Program	93.283	151
University of South Carolina:		
A Partnership to Promote Physical Activity and Healthy Eating in AME Churches	93.837	20,144
University of Miami:		
Evaluation of DCF Prevention Programs	93.959	7,297
University of South Carolina:		
Palmetto State Geriatric Education Centers	93.969	43,795
Total Department of Health and Human Services		724,879
Corporation for National and Community Service:		
Pass-through programs from:		
South Carolina Department of Education:		
Project SPIRIT Colleton	94.004	977
Project SPIRIT Fairfield	94.004	173
Project SPIRIT Oconee	94.004	(173)

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**CLEMSON UNIVERSITY**  
Schedule of Expenditures of Federal Awards  
Year Ended June 30, 2008

Federal grantor/pass-through grantors/agencies or cluster title	Federal CFDA Number	Expenditures
(Continued)		
Corporation for National and Community Service:		
Pass-through programs from:		
South Carolina Department of Education:		
AmeriCorp Funds for Youth Leadership/Dropout Prevention Program	94.006	6,635
Clemson University AmeriCorps Formula Grant	94.006	61,088
United Way of South Carolina:		
2007-2008 AmeriCorps Builders of Tomorrow for Youth Leadership Dropout Prevention Program	94.006	46,679
South Carolina Department of Education:		
AmeriCorps PDAT Training Grant for Fall 2007	94.009	600
Total Corporation for National and Community Service		<u>115,979</u>
Department of Homeland Security:		
Pass-through programs from:		
South Carolina Law Enforcement Division:		
Agroterroism - Veterinary Lab Surge	97.067	(75)
South Carolina Ag-Watch for Animal Agriculture	97.067	20,497
South Carolina Ag-Watch for Plant Agriculture	97.067	28,140
Total Department of Homeland Security		<u>48,562</u>
Vietnam Education Foundation:		
VEF Fellowship Grant (Vu Thi Hong Hung)	99.999	26,525
Total Vietnam Education Foundation		<u>26,525</u>
Total Federal Awards		<u>\$ 115,859,503</u>

**CLEMSON UNIVERSITY**  
**NOTES TO THE SCHEDULE OF EXPENDITURES**  
**OF FEDERAL AWARDS**

**NOTE 1 - BASIS OF PRESENTATION**

The accompanying schedule of expenditures of federal awards (the schedule) includes the federal grant activity of Clemson University (the University) and is presented on the accrual basis of accounting. The information in the schedule is presented in accordance with the requirements of Office of Management and Budget (OMB) Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations*. Therefore, some amounts presented in the schedule may differ from amounts presented in, or used in the preparation of, the basic financial statements.

**NOTE 2 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICES FOR FEDERAL AWARD EXPENDITURES**

Expenditures for student financial aid programs include the federal share of students' Federal Supplemental Educational Opportunity Grant (FSEOG) program grants and Federal Work Study (FWS) program earnings, certain other federal financial aid for students and administrative cost allowances, where applicable.

Expenditures for federal research and development programs are determined using the cost accounting principles and procedures set forth in OMB Circular A-21, *Cost Principles for Educational Institutions*. Under these cost principles, certain expenditures are not allowable or are limited as to reimbursement.

Expenditures for nonfinancial aid awards include indirect costs, related primarily to facilities operation and maintenance and general, divisional and departmental administrative services, which are allocated to direct cost objectives (including federal awards) based on negotiated formulas commonly referred to as facilities and administrative cost rates. Facilities and administrative costs allocated to such awards for the year ended June 30, 2008, were based on predetermined fixed rates negotiated with the University's cognizant federal agencies.

**NOTE 3 - FEDERAL PERKINS LOAN PROGRAM (CFDA NUMBER 84.038)**

The Federal Perkins Loan Program is administered directly by the University and balances and transactions relating to the program are included in the University's financial statements. The balance of loans outstanding under the Federal Perkins Loan Program was \$8,709,350 as of June 30, 2008.

**NOTE 4 - MATCHING**

Under the FWS program, the University matched \$137,016 in total compensation for the year ended June 30, 2008 in addition to the federal share of expenditures in the accompanying schedule of expenditures of federal awards.

Under the FSEOG program, the University matched \$259,237 in funds awarded to students for the year ended June 30, 2008 in addition to the federal share of expenditures in the accompanying schedule of expenditures of federal awards.

**NOTE 5 - SUBRECIPIENTS**

Of the federal expenditures represented in the schedule, the University provided federal awards to subrecipients as follows:

<b>Federal granting agency</b>	<b>Federal CFDA number</b>	<b>Amount provided to subrecipients</b>
Department of Agriculture	10.025	\$ 8,955
Department of Agriculture	10.200	40,345
Department of Agriculture	10.206	76,491
Department of Agriculture	10.219	16,547
Department of Agriculture	10.500	59,500
Department of Agriculture	10.561	147,547
Department of Agriculture	10.912	25,084
Total Department of Agriculture		374,469
Department of Commerce	11.113	81,862
Department of Commerce	11.417	40,848
Department of Commerce	11.452	90,000
Department of Commerce	11.472	10,360
Total Department of Commerce		223,070
Department of Defense	12.000	656,309
Department of Defense	12.300	98,323
Department of Defense	12.420	122,671
Department of Defense	12.431	544,294
Department of Defense	12.910	484,646
Total Department of Defense		1,906,243
Department of Interior	15.907	7,200
Department of Transportation	20.000	44,130
Department of Transportation	20.108	21,403
Department of Transportation	20.205	15,000
Total Department of Transportation		80,533
National Science Foundation	47.041	1,191,242
National Science Foundation	47.049	409,207
National Science Foundation	47.070	27,776
National Science Foundation	47.074	1,684
National Science Foundation	47.076	34,131
Total National Science Foundation		1,664,040
Department of Environmental Protection Agency	66.460	23,309

(Continued)

<b>Federal granting agency</b>	<b>Federal CFDA number</b>	<b>Amount provided to subrecipients</b>
<b><u>NOTE 5 - SUBRECIPIENTS, Continued</u></b>		
Department of Energy	81.049	25,326
Department of Energy	81.064	166
Department of Energy	81.087	72,217
Department of Energy	81.113	106,438
Department of Energy	81.121	41,284
Department of Energy	81.999	66,116
Total Department of Energy		311,547
Department of Education	84.116	12,295
Department of Education	84.287	84,890
Department of Education	84.326	121,011
Department of Education	84.366	45,138
Total Department of Education		263,334
Department of Health and Human Services	93.009	112,148
Department of Health and Human Services	93.276	68,656
Department of Health and Human Services	93.286	81,316
Department of Health and Human Services	93.375	484,662
Department of Health and Human Services	93.575	8,581
Department of Health and Human Services	93.616	119,599
Department of Health and Human Services	93.837	30,800
Department of Health and Human Services	93.838	13,869
Department of Health and Human Services	93.853	8,517
Department of Health and Human Services	93.865	65,631
Total Department of Health and Human Services		993,779
Agency for International Development	98.001	120,272
Agency for International Development	98.009	57,434
Total Agency for International Development		177,706
		\$ 6,025,230

**INDEPENDENT AUDITORS' REPORT ON INTERNAL CONTROL  
OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS  
BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN  
ACCORDANCE WITH *GOVERNMENT AUDITING STANDARDS***

Members of the Board of Trustees  
Clemson University  
Clemson, South Carolina

We have audited the financial statements of the business-type activities and the discretely presented component units of Clemson University (the University), a department of the State of South Carolina, as of and for the year ended June 30, 2008, which collectively comprise the University's basic financial statements and have issued our report thereon dated September 26, 2008. Except as discussed in the preceding sentence, we conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Other auditors audited the financial statements of the Clemson University Research Foundation and the Clemson University Foundation, as described in our report on the College's financial statements. The financial statements of the Clemson University Research Foundation and the Clemson University Foundation were not audited in accordance with *Government Auditing Standards*.

**Internal Control Over Financial Reporting**

In planning and performing our audit, we considered the University's internal control over financial reporting as a basis for designing our auditing procedures for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the University's internal control over financial reporting. Accordingly, we do not express an opinion on the effectiveness of the University's internal control over financial reporting.

A control deficiency exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent or detect misstatements on a timely basis. A significant deficiency is a control deficiency, or combination of control deficiencies, that adversely affects the entity's ability to initiate, authorize, record, process, or report financial data reliably in accordance with generally accepted accounting principles such that there is more than a remote likelihood that a misstatement of the entity's financial statements that is more than inconsequential will not be prevented or detected by the entity's internal control.



A material weakness is a significant deficiency, or combination of significant deficiencies, that results in more than a remote likelihood that a material misstatement of the financial statements will not be prevented or detected by the entity's internal control.

Our consideration of internal control over financial reporting was for the limited purpose described in the first paragraph of this section and would not necessarily identify all deficiencies in internal control that might be significant deficiencies or material weaknesses. We did not identify any deficiencies in internal control over financial reporting that we consider to be material weaknesses, as defined above.

### **Compliance and Other Matters**

As part of obtaining reasonable assurance about whether the University's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit and, accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

This report is intended solely for the information and use of the audit committee, management, and the federal awarding agencies and pass-through entities of the University and is not intended to be and should not be used by anyone other than those specified parties.

*Elliott Davis, LLC*

Greenwood, South Carolina  
October 24, 2008

**INDEPENDENT AUDITORS' REPORT ON COMPLIANCE  
WITH REQUIREMENTS APPLICABLE TO EACH MAJOR PROGRAM  
AND ON INTERNAL CONTROL OVER COMPLIANCE IN ACCORDANCE  
WITH OMB CIRCULAR A-133 AND ON THE SCHEDULE OF  
EXPENDITURES OF FEDERAL AWARDS**

Members of the Board of Trustees  
Clemson University  
Clemson, South Carolina

**Compliance**

We have audited the compliance of Clemson University, (the University) with the types of compliance requirements described in the *U. S. Office of Management and Budget (OMB) Circular A-133 Compliance Supplement* that are applicable to each of its major Federal program for the year ended June 30, 2008. The University's major Federal programs are identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs. Compliance with the requirements of laws, regulations, contracts and grants applicable to its major Federal programs are the responsibility of the University's management. Our responsibility is to express an opinion on the University's compliance based on our audit.

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and OMB Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations*. Those standards and OMB Circular A-133 require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major Federal program occurred. An audit includes examining, on a test basis, evidence about the University's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion. Our audit does not provide a legal determination on the University's compliance with those requirements.

In our opinion, the University complied, in all material respects, with the requirements referred to above that are applicable to its major Federal program for the year ended June 30, 2008.

## **Internal Control Over Compliance**

The management of the University is responsible for establishing and maintaining effective internal control over compliance with requirements of laws, regulations, contracts and grants applicable to Federal programs. In planning and performing our audit, we considered the University's internal control over compliance with requirements that could have a direct and material effect on a major Federal program in order to determine our auditing procedures for the purpose of expressing our opinion on compliance, but not for the purpose of expressing an opinion on the effectiveness of the University's internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of the University's internal control over compliance.

A control deficiency in an entity's internal control over compliance exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent or detect noncompliance with a type of compliance requirement of a federal program on a timely basis. A significant deficiency is a control deficiency, or combination of control deficiencies, that adversely affects the entity's ability to administer a federal program such that there is more than a remote likelihood that noncompliance with a type of compliance requirement of a federal program that is more than inconsequential will not be prevented or detected by the entity's internal control.

A material weakness is a significant deficiency, or combination of significant deficiencies, that results in more than a remote likelihood that material noncompliance with a type of compliance requirement of a federal program will not be prevented or detected by the entity's internal control.

Our consideration of internal control over compliance was for the limited purposes described in the first paragraph of this section and would not necessarily identify all deficiencies in internal control that might be significant deficiencies or material weaknesses. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses, as defined above.

## **Schedule of Expenditures of Federal Awards**

We have audited the financial statements of the business-type activities and discretely presented components of Clemson University, a department of the State of South Carolina, as of and for the year ended June 30, 2008, which collectively comprise the University's basis financial statements, and have issued our report thereon dated October 24, 2008. Our report was modified to include a reference to other auditors. Our audit was performed for the purpose of forming an opinion on the basic financial statements taken as a whole. The accompanying schedule of expenditures of federal awards is presented for purposes of additional analysis as required by OMB Circular A-133 and is not a required part of the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and, in our opinion, is fairly stated, in all material respects, in relation to the basic financial statements taken as a whole.

This report is intended solely for the information and use of the audit committee, management, and the federal awarding agencies and pass-through entities of the University and is not intended to be and should not be used by anyone other than those specified parties.

A handwritten signature in blue ink that reads "Elliott Davis, LLC".

Greenwood, South Carolina  
October 24, 2008

**CLEMSON UNIVERSITY**  
**SCHEDULE OF FINDINGS AND QUESTIONED COSTS**  
**FOR THE YEAR ENDED JUNE 30, 2008**

**I. Summary of auditor's results**

- A. An unqualified opinion was issued on the basic financial statements of Clemson University.
- B. No significant deficiencies relating to the audit of the financial statements are reported in the Schedule of Findings and Questioned Costs.
- C. No material weaknesses relating to the audit of the financial statements are reported in the Schedule of Findings and Questioned Costs.
- D. No instances of noncompliance material to the financial statements of Clemson University were disclosed during the audit.
- E. No significant deficiencies relating to the audit of the major federal award programs are reported in the Schedule of Findings and Questioned Costs.
- F. No material weaknesses relating to the audit of the major federal award programs are reported in the Schedule of Findings and Questioned Costs.
- G. The auditor's report on compliance for the major federal award programs for Clemson University expresses an unqualified opinion.
- H. Major federal programs for Clemson University for the fiscal year ended June 30, 2008 are:

<u>CFDA Number</u>	<u>Program Title</u>
84.007	Federal Supplemental Educational Opportunity Grant
84.033	Federal Work-Study Program
84.038	Perkins Loan Program
84.063	Federal Pell Grant Program
84.375	Academic Competitiveness Grant
84.376	National Science and Mathematics Access to Retain Talent Grant

- I. The threshold for distinguishing Types A and B programs for Clemson University was \$3,000,000.
- J. Clemson University was assessed as a low risk auditee.

**II. Findings related to the audit of the financial statements of Clemson University**

None

**III. Findings and questioned costs related to the audit of federal awards**

None

***CLEMSON UNIVERSITY  
SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS  
FOR THE YEAR ENDED JUNE 30, 2008***

In accordance with Government Auditing Standards, issued by the Comptroller General of the United States, the following is the status of known material findings and recommendations from prior year audits:

None